

Lava Grigia

Italy



MEKANISKE STENHUGGERI A/S
GRUNDLAGT 1797

DS: EN 12058	Internal Flooring of Natural Stone	Date of Test: 2005
DS: EN 1341	External Paving of Natural Stone	Date of Test: N/A
DS: EN 1469	External Cladding of Natural Stone	Date of Test: 2005

General for all use:

Dimensions and dimensional variation	Complies	
Nominal thickness an variation	Complies	
Release of dangerous substances	None in conditions of use as Internal-/External Flooring, External Paving or Cladding	
Fire performance	Deemed to satisfy	
Reaction to fire	Deemed to satisfy	Classe A1

Internal Flooring and Stairs:

Water absorption acc. to DS: EN 13755	3,70%		
Bending/Flexural strength acc. to DS: EN 12372	Lower expected value 6,9 Mpa. Before frost 8,7 Mpa		
Density acc. to DS: EN 1936	2292 kg/mc		
Compression Strength acc. to DS: EN 1926	Mean value 71 Mpa. Lower expected value 64 Mpa		
Petrografic evaluation acc. to DS: EN 12407	Igmimbrite Trachitica		
Mineralogical composition (by weight)	N/A		
Slip resistance in dry	Smoothed surface SRV 85	Slip resistance in wet	Smoothed surface SRV 63
	Sawn surface USRV 83		Sawn surface USRV 83

External Flooring, Cladding and Stairs:

Porosity DS: EN 1936	N/A	
Density DS: EN 1936	2292 kg/mc	
Water absorption DS: EN 13755	3,70%	
Bending strength DS: EN 12372	Mean value later 56 frost cycles 83,1 Mpa	
Determination of frost resistance DS: EN 12371	N/A	
Compressive strength DS: EN 1926	N/A	
Breaking load at dowl hole DS: EN 13364	N/A	
Determination of ageing by Thermal shock (20 cycles)	-0,11%	
Determination of resistance to salt crystalization DS: EN 12370	N/A	
Resistance to fixings	Lower expected value 1002 N	Standard deviation 162 N
Abrasion resistance	20,4 mm%	